

S-Series 300 Ice Cube Machine



Manitowoc



S-Series 300
Ice Machine on B-170 Bin

- SANITATION**
We've made it simple to clean
- SAVINGS**
The perfect balance of power and efficiency
- SOUND**
Designed to run whisper-quiet
- SERVICEABILITY**
Easy access means less downtime

- Up to 340 lbs. (154 kgs.) daily ice production
- **CEE Tier 1 energy and water efficiency rating**
- Only 30" (76.20 cm) wide
- Removable water distribution tube with no tools
- Food zone designed with soft, round, cove corners
- Patented cleaning and sanitizing technology
- Select components made with AlphaSan® antimicrobial

- Hinged front door for easy access
- **Warranty**
5-year parts and 5-year labor coverage on ice machine evaporator
5-year parts and 3-year labor coverage on ice machine compressor
3-year parts-and-labor coverage on all other ice machine, dispenser, and storage bin components

CEE  Energy Efficiency Ratings Specified on Back

America's #1 Selling Ice Machine

Ice Cube & Flake Machines • Ice Storage Bins • Ice Dispensers

Manitowoc
Foodservice Group

Manitowoc S-Series 300

| Model | Ice Shape | Ice Production 24 Hours | | | | Power kWh/100 lbs. @ 90°/70°F | CEE* Rating |
|----------|-----------|-------------------------|------|-------------------|------|-------------------------------|-------------|
| | | 70°Air/50°F Water | | 90°Air/70°F Water | | | |
| | | lbs. | kgs. | lbs. | kgs. | | |
| SD-0302A | dice | 340 | 154 | 270 | 123 | 7.7 | Tier 1 |
| SD-0303W | dice | 325 | 147 | 290 | 132 | 6 | Tier 1 |
| SY-0304A | half-dice | 340 | 154 | 270 | 123 | 7.7 | Tier 1 |
| SY-0305W | half-dice | 325 | 147 | 290 | 132 | 6 | Tier 1 |

Water usage/100 lbs./45.4 kgs. of Ice

Potable Water: 18 gallons, 68 liters • Water-cooled Condenser: 153 gallons, 579 liters.

Order ice storage bin separately. "A" or "W" following model number indicates "Air" or "Water" condensing unit.

Consortium for Energy Efficiency (CEE) is a North American nonprofit organization that promotes energy-efficient products, technologies and services; also the principal entity for the development of ice maker efficiency standards.



Certified in Accordance with ARI Automatic Commercial Ice-Cube Machines (Batch-Type) Certification Program, which is based on ARI Standard 810

Ice Machine Electric

115/60/1 standard. (208-230/60/1 and 230/50/1 also available.)

Min. circuit ampacity: Air-cooled: 15.6 amps
 Water-cooled: 14.8 amps

Max. fuse size: Air-cooled and Water-cooled: 25 amps

HACR-type circuit breakers can be used in place of fuses.

Specifications

BTU Per Hour:
 5,000 (average) 6,000 (peak)

Compressor:
 Nominal rating: 1/2 HP

Cupra-Nickel Condenser:
 (Water-cooled models)
 Adds protection from corrosive water elements.

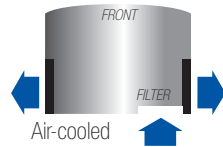
Operating Limits:
 • Ambient Temperature Range:
 Air and water-cooled:
 35° to 110°F (1.6° to 43.3°C)

• Water Temperature Range:
 35° to 90°F (1.6° to 32.2°C)

• Water Pressure Ice Maker
 Water In:
 Min. 20 psi (137.9 kPa)
 Max. 80 psi (551.1 kPa)

• Condenser Inlet Water In:
 (Water cooled only)
 Min. 20 psi (137.9 kPa)
 Max. 150 psi (1,034.2 kPa)

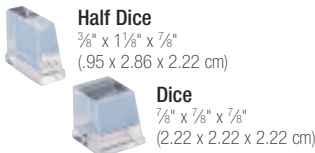
Air Flow Top View



AuCS®SO Accessory

Automatic Cleaning System purchased as an option and installed in the field.

2 Cube Sizes Available



Look for the EnergyMizer™ mark and you'll know you're getting the most from every energy dollar spent on foodservice equipment. www.energymizer.com

| 24-HOUR PRODUCTION† | | | | | | | | lbs. kgs. | |
|---------------------|----------------|-----|------------|-----|------------|-----|------------|-----------|--|
| air temp | HALF-DICE CUBE | | | | DICE CUBE | | | | |
| | water temp | | water temp | | water temp | | water temp | | |
| | °F | °C | °F | °C | °F | °C | °F | °C | |
| 70° | 340 | 315 | 290 | 70° | 340 | 315 | 290 | | |
| 21° | 154 | 143 | 132 | 21° | 154 | 143 | 132 | | |
| 80° | 310 | 285 | 265 | 80° | 310 | 285 | 265 | | |
| 27° | 141 | 129 | 120 | 27° | 141 | 129 | 120 | | |
| 90° | 280 | 270 | 240 | 90° | 280 | 270 | 240 | | |
| 32° | 127 | 123 | 109 | 32° | 127 | 123 | 109 | | |

Data is published for 60 Hz machines. 50 Hz machines produce approximately 7% less ice.

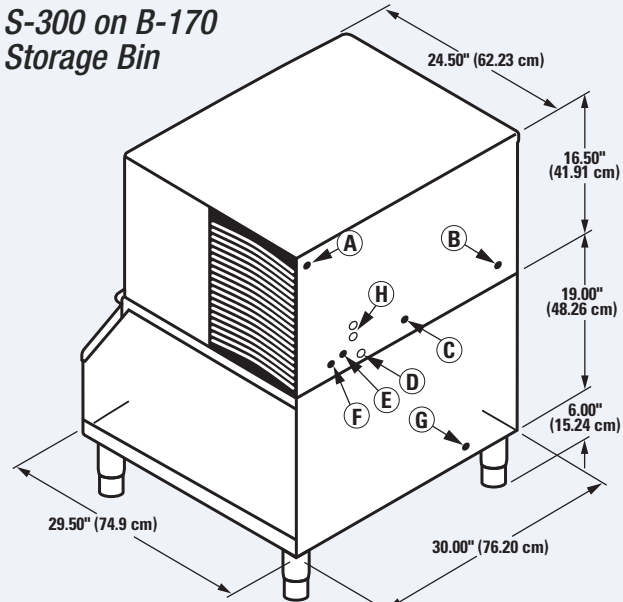
Space-Saving Designs



| | S-300 B-170 | S-300 B-400 |
|-------------|------------------------|-------------------------|
| Height | 41.50" 105.41 cm | 54.50" 138.43 cm |
| Width | 30.00" 76.20 cm | 30.00" 76.20 cm |
| Depth | 29.50" 74.93 cm | 34.00" 86.30 cm |
| Bin Storage | 150 lbs. 68.04 kgs. | 290 lbs. 131.50 kgs. |

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).
 For comparison purposes multiply ARI capacity by 1.3 (30%) to arrive at approximate *Application Rating Capacity.*

S-300 on B-170 Storage Bin



- (A) Electrical Entrance
- (B) 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (C) 1/2" (1.27 cm) F.P.T. Water Condenser Outlet (water-cooled units)
- (D) 1/2" (1.27 cm) Auxiliary Base Drain Socket
- (E) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (F) 1/2" (1.27 cm) F.P.T. Ice Making Water Drain
- (G) 3/4" (1.91 cm) Bin Drain
- (H) AuCS-SO Option

Installation Note - Minimum installation clearance: Top: 8" (20.32 cm), 16" (40.64 cm) for air-cooled models, sides: 8" (20.32cm), back: 5" (12.70).

